



[4910-13-P]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2015-0934; Directorate Identifier 2014-NM-030-AD]

RIN 2120-AA64

Airworthiness Directives; Dassault Aviation Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: We propose to adopt a new airworthiness directive (AD) for all Dassault Aviation Model FAN JET FALCON, FAN JET FALCON SERIES C, D, E, F, and G airplanes; Model MYSTERE-FALCON 200 airplanes; and Model MYSTERE-FALCON 20-C5, 20-D5, 20-E5, and 20-F5 airplanes. This proposed AD was prompted by reports of defective fire extinguisher tubes. It was determined the defects were caused by corrosion. This proposed AD would require repetitive general visual inspections of the fire extinguisher tubes for cracking and corrosion, and replacement of any cracked tube with a serviceable tube, if necessary. We are proposing this AD to detect and correct cracking and corrosion in the fire extinguisher tubes, which could impact the capability to extinguish an engine fire, and possibly result in damage to the airplane and injury to the passengers.

DATES: We must receive comments on this proposed AD by [INSERT DATE 45 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].

ADDRESSES: You may send comments, using the procedures found in 14 CFR 11.43 and 11.45, by any of the following methods:

- Federal eRulemaking Portal: Go to <http://www.regulations.gov>. Follow the instructions for submitting comments.
- Fax: 202-493-2251.
- Mail: U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE., Washington, DC 20590.
- Hand Delivery: U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE., Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

Examining the AD Docket

You may examine the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2015-0934; or in person at the Docket Management Facility between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this proposed AD, the regulatory evaluation, any comments received, and other information. The street address for the Docket Operations office (telephone 800-647-5527) is in the ADDRESSES section. Comments will be available in the AD docket shortly after receipt.

FOR FURTHER INFORMATION CONTACT: Tom Rodriguez, Aerospace Engineer,
International Branch, ANM-116, Transport Airplane Directorate, FAA, 1601 Lind
Avenue SW., Renton, WA 98057-3356; telephone 425-227-1137; fax 425-227-1149.

SUPPLEMENTARY INFORMATION:

Comments Invited

We invite you to send any written relevant data, views, or arguments about this proposed AD. Send your comments to an address listed under the ADDRESSES section. Include “Docket No. FAA-2015-0934; Directorate Identifier 2014-NM-030-AD” at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this proposed AD. We will consider all comments received by the closing date and may amend this proposed AD based on those comments.

We will post all comments we receive, without change, to <http://www.regulations.gov>, including any personal information you provide. We will also post a report summarizing each substantive verbal contact we receive about this proposed AD.

Discussion

The European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Union, has issued Airworthiness Directive 2013-0299, dated December 19, 2013 (referred to after this as the Mandatory Continuing Airworthiness Information, or “the MCAI”), to correct an unsafe condition for all

Dassault Aviation Model FAN JET FALCON, FAN JET FALCON SERIES C, D, E, F, and G airplanes; Model MYSTERE-FALCON 200 airplanes; and Model MYSTERE-FALCON 20-C5, 20-D5, 20-E5, and 20-F5 airplanes. The MCAI states:

Several defective extinguisher tubes have been reported on certain Dassault Aviation Fan Jet Falcon aeroplanes. The results of the investigations concluded that these occurrences were caused by corrosion.

This condition, if not detected and corrected, could impact the capability to extinguish an engine fire, possibly resulting in damage to the aeroplane and injury to the occupants.

For the reason described above, this [EASA] AD requires repetitive [general visual] inspections [for cracking and corrosion] of the fire extinguisher tubes and, depending on findings, the replacement of an affected part with a serviceable part (improved fire extinguisher tube). It also proposes the replacement of those tubes with the “old Part Number” (P/N) with a serviceable part with the new P/N as a terminating action. In addition, this [EASA] AD prohibits installation of an affected tube on an aeroplane.

You may examine the MCAI in the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2015-0934.

FAA’s Determination and Requirements of this Proposed AD

This product has been approved by the aviation authority of another country, and is approved for operation in the United States. Pursuant to our bilateral agreement with the State of Design Authority, we have been notified of the unsafe condition described in the MCAI and service information referenced above. We are proposing this AD because we evaluated all pertinent information and determined an unsafe condition exists and is likely to exist or develop on other products of the same type design.

Costs of Compliance

We estimate that this proposed AD affects 170 airplanes of U.S. registry.

We also estimate that it would take about 4 work-hours per product to comply with the basic requirements of this proposed AD. The average labor rate is \$85 per work-hour. Based on these figures, we estimate the cost of this proposed AD on U.S. operators to be \$57,800, or \$340 per product.

We have received no definitive data that would enable us to provide cost estimates for the on-condition actions specified in this proposed AD.

Authority for this Rulemaking

Title 49 of the United States Code specifies the FAA's authority to issue rules on aviation safety. Subtitle I, section 106, describes the authority of the FAA Administrator. "Subtitle VII: Aviation Programs," describes in more detail the scope of the Agency's authority.

We are issuing this rulemaking under the authority described in "Subtitle VII, Part A, Subpart III, Section 44701: General requirements." Under that section, Congress charges the FAA with promoting safe flight of civil aircraft in air commerce by prescribing regulations for practices, methods, and procedures the Administrator finds necessary for safety in air commerce. This regulation is within the scope of that authority because it addresses an unsafe condition that is likely to exist or develop on products identified in this rulemaking action.

Regulatory Findings

We determined that this proposed AD would not have federalism implications under Executive Order 13132. This proposed AD would not have a substantial direct effect on the States, on the relationship between the national Government and the States, or on the distribution of power and responsibilities among the various levels of government.

For the reasons discussed above, I certify this proposed regulation:

1. Is not a “significant regulatory action” under Executive Order 12866;
2. Is not a “significant rule” under the DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979);
3. Will not affect intrastate aviation in Alaska; and
4. Will not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

The Proposed Amendment

Accordingly, under the authority delegated to me by the Administrator, the FAA proposes to amend 14 CFR part 39 as follows:

PART 39 - AIRWORTHINESS DIRECTIVES

1. The authority citation for part 39 continues to read as follows:

Authority: 49 U.S.C. 106(g), 40113, 44701.

§ 39.13 [Amended]

2. The FAA amends § 39.13 by adding the following new airworthiness directive (AD):

Dassault Aviation: Docket No. FAA-2015-0934; Directorate Identifier 2014-NM-030-AD.

(a) Comments Due Date

We must receive comments by [INSERT DATE 45 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].

(b) Affected ADs

None.

(c) Applicability

This AD applies to Dassault Aviation Model FAN JET FALCON, FAN JET FALCON SERIES C, D, E, F, and G airplanes; Model MYSTERE-FALCON 200 airplanes; and Model MYSTERE-FALCON 20-C5, 20-D5, 20-E5, and 20-F5 airplanes, certificated in any category, all manufacturer serial numbers.

(d) Subject

Air Transport Association (ATA) of America Code 26, Fire protection.

(e) Reason

This AD was prompted by reports of defective fire extinguisher tubes. It was determined the defects were caused by corrosion. We are issuing this AD to detect and correct cracking and corrosion in the fire extinguisher tubes, which could impact the

capability to extinguish an engine fire, and possibly result in damage to the airplane and injury to the passengers.

(f) Compliance

Comply with this AD within the compliance times specified, unless already done.

(g) Inspection

For airplanes identified in paragraphs (g)(1), (g)(2), and (g)(3) of this AD: Within 13 months or 450 flight hours, whichever occurs first after the effective date of this AD, do a general visual inspection of the fire extinguisher tubes for cracking and corrosion, in accordance with a method approved by the Manager, International Branch, ANM-116, Transport Airplane Directorate, FAA; or the European Aviation Safety Agency (EASA); or Dassault Aviation's EASA Design Organization Approval (DOA). Repeat the inspection thereafter at intervals not to exceed 13 months.

(1) Model FAN JET FALCON airplanes and Model FAN JET FALCON SERIES C, D, E, F, and G airplanes, equipped with any fire extinguisher tubes having part numbers MY20791-101, MY20791-101-1, MY20791-102, MY20791-102-1, MY20791-117, and MY20791-112.

(2) Model MYSTERE-FALCON 200 airplanes equipped with any fire extinguisher tubes having part numbers M20H791000210B1 and M20H791000240B1.

(3) Model MYSTERE-FALCON 20-C5, 20-D5, 20-E5, and 20-F5 airplanes equipped with any fire extinguisher tubes having part numbers M20R791101, M20R791101A1, and M20R791102.

(h) Corrective Action

If, during any inspection required by paragraph (g) of this AD, any cracking or corrosion is found, before further flight, replace the tube with a serviceable tube having a part number specified in Table 1 of paragraph (h) of this AD, as applicable.

Table 1 of Paragraph (h) of this AD—Serviceable Fire Extinguisher Tubes

For Model—	Equipped with Affected Pin—	Replace with Serviceable Pin—
FAN JET FALCON, FAN JET FALCON SERIES C, D, E, F, and G airplanes	MY20791-101	MY20791-101-2
FAN JET FALCON, FAN JET FALCON SERIES C, D, E, F, and G airplanes	MY20791-101-1	MY20791-101-2
FAN JET FALCON, FAN JET FALCON SERIES C, D, E, F, and G airplanes	MY20791-102	MY20791-102-2
FAN JET FALCON, FAN JET FALCON SERIES C, D, E, F, and G airplanes	MY20791-102-1	MY20791-102-2
FAN JET FALCON, FAN JET FALCON SERIES C, D, E, F, and G airplanes	MY20791-117	MY20791-117-1
FAN JET FALCON, FAN JET FALCON SERIES C, D, E, F, and G airplanes	MY20791-112	MY20791-112-1
MYSTERE-FALCON 200 airplanes	M20H791000210B1	M20H791000210B2
MYSTERE-FALCON 200 airplanes	M20H791000240B1	M20H791000240B2
MYSTERE-FALCON 20-C5, 20-D5, 20-E5, and 20-F5 airplanes	M20R791101	M20R791101A2
MYSTERE-FALCON 20-C5, 20-D5, 20-E5, and 20-F5 airplanes	M20R791101A1	M20R791101A3
MYSTERE-FALCON 20-C5, 20-D5, 20-E5, and 20-F5 airplanes	M20R791102	M20R791102A2

(i) Terminating Action For the Repetitive Inspections

Replacement of an affected tube with a serviceable tube, as required by paragraph (h) of this AD, constitutes a terminating action for the repetitive inspections required by paragraph (g) of this AD.

(j) Parts Installation Prohibition

As of the effective date of this AD, no person may install a tube having a part number identified in paragraphs (g)(1), (g)(2), and (g)(3) of this AD, on any airplane.

(k) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) Alternative Methods of Compliance (AMOCs): The Manager, International Branch, ANM-116, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In accordance with 14 CFR 39.19, send your request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the International Branch, send it to ATTN: Tom Rodriguez, Aerospace Engineer, International Branch, ANM-116, Transport Airplane Directorate, FAA, 1601 Lind Avenue SW., Renton, WA 98057-3356; telephone 425-227-1137; fax 425-227-1149. Information may be emailed to: 9-ANM-116-AMOC-REQUESTS@faa.gov. Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local flight standards district office/certificate holding district office. The AMOC approval letter must specifically reference this AD.

(2) Contacting the Manufacturer: For any requirement in this AD to obtain corrective actions from a manufacturer, the action must be accomplished using a method approved by the Manager, International Branch, ANM-116, Transport Airplane Directorate, FAA; or the European Aviation Safety Agency (EASA); or Dassault Aviation's EASA Design Organization Approval (DOA). If approved by the DOA, the approval must include the DOA-authorized signature.

(1) Related Information

Refer to Mandatory Continuing Airworthiness Information (MCAI) EASA Airworthiness Directive 2013-0299, dated December 19, 2013, for related information. This MCAI may be found in the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2015-0934.

Issued in Renton, Washington, on April 17, 2015.

Victor Wicklund,
Acting Manager,
Transport Airplane Directorate,
Aircraft Certification Service.

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